

end IC 18. Therefore, the CPU 21 performs A/D conversion of an output signal from a photoreceptor unit of the pickup 13 by a built-in A/D converter and detects an offset, thereby obtaining the offset amount and offset direction of the lens. Thereby, a lens offset measuring means (not shown) which measures the amount of offset from the center of the lens in the pickup, which occurs at a seek of the pickup, is constructed.

Please replace the paragraph beginning at page 30, line 15, to line 21, with the following rewritten paragraph:

A2
In the block diagram of figure 1, the amount of offset of a lens 14 is inputted to an A/D converter terminal of a CPU 21 from a pickup 13 via an analog front end IC 18. Therefore, the CPU 21 subjects an output signal from a photoreceptor unit of the pickup 13 to A/D conversion using a built-in A/D converter, and detects an offset, thereby obtaining the offset amount and offset direction of the lens.

IN THE CLAIMS

Please amend the claim as follows:

A3
6. (Amended) A controller for driving a pickup of an optical disk drive as defined in Claim 1, wherein:
the seek position setting means sets a seek position for a target position at least one sector before the target position.

Please add the following new claim:

A4
10. A controller for driving a pickup of an optical disk drive as defined in Claim 4, wherein:
the seek position setting means sets a seek position for a target position at least one sector before the target position.